

## Appendix I Recordkeeping Instructions



The recordkeeping provisions of section 66264.73 specify that an owner or operator shall keep a written operating record at the facility. This appendix provides additional instructions for keeping portions of the operating record. See section 66264.73(b) for additional recordkeeping requirements.

The following information shall be recorded, as it becomes available, and maintained in the operating record until closure of the facility in the following manner: records of each hazardous waste received, transferred, treated, stored, or disposed of at the facility which include the following:

(1) a description by its common name and any applicable EPA Hazardous Waste Number or California Hazardous Waste Number from chapter 11 of this division which apply to the waste. The waste description also shall include the waste's physical form, i.e., liquid, sludge, solid, or contained gas. If the waste is not listed in chapter 11, article 4 or Appendix XII of this division, the description also shall include the process that produced it (for example, solid filter cake from production of ---, EPA Hazardous Waste Number W051).

Each hazardous waste listed in chapter 11, article 4, of this division, and each hazardous waste characteristic defined in chapter 11, article 3, of this division, has a four-digit EPA Hazardous Waste Number and/or a three-digit California Hazardous Waste Number assigned to it. This number shall be used for recordkeeping and reporting purposes. Where a hazardous waste contains more than one listed hazardous waste, or where more than one hazardous waste characteristic applies to the waste, the waste description shall include all applicable EPA and California Hazardous Waste Numbers:

(2) the estimated or manifest-reported weight, or volume and density, where applicable, in one of the units of measure specified in Table 1:

Table 1

| Unit of measurement  | Code <sup>1</sup> |
|----------------------|-------------------|
| Gallons              | G                 |
| Gallons per Hour     | E                 |
| Gallons per day      | U                 |
| Liters               | L                 |
| Liters per Hour      | H                 |
| Liters per Day       | V                 |
| Short Tons per Hour  | D                 |
| Metric Tons per Hour | W                 |
| Short Tons per Day   | N                 |
| Metric Tons per Day  | S                 |
| Pounds per Hour      | J                 |
| Kilograms per Hour   | R                 |
| Cubic Yards          | Y                 |
| Cubic Meters         | C                 |
| Acres                | B                 |
| Acre-feet            | A                 |
| Hectares             | Q                 |
| Hectare-meter        | F                 |
| Btu's per Hour       | I                 |

FOOTNOTE: <sup>1</sup>Single digit symbols are used here for data processing purposes.

(3) the method(s) (by handling code(s) as specified in Table 2) and date(s) of treatment, storage, or disposal.

Table 2

## Handling Codes for Treatment, Storage, and Disposal Methods

Enter the handling code(s) listed below that most closely represents the technique(s) used at the facility to treat, store, or dispose of each quantity of hazardous waste received.

Table 2

## (a) Storage.

|     |                                |
|-----|--------------------------------|
| S01 | Container (barrel, drum, etc.) |
| S02 | Tank                           |
| S03 | Waste pile                     |
| S04 | Surface impoundment            |
| S05 | Drip Pad                       |
| S06 | Containment Building (Storage) |
| S99 | Other Storage (specify)        |

## (b) Treatment.

## (1) Thermal Treatment.

|     |                              |
|-----|------------------------------|
| T06 | Liquid injection incinerator |
| T07 | Rotary kiln incinerator      |
| T08 | Fluidized bed incinerator    |
| T09 | Multiple hearth incinerator  |
| T10 | Infrared furnace incinerator |
| T11 | Molten salt destructor       |
| T12 | Pyrolysis                    |
| T13 | Wet Air oxidation            |
| T14 | Calcination                  |
| T15 | Microwave discharge          |
| T18 | Other (specify)              |

## (2) Chemical Treatment.

|     |                        |
|-----|------------------------|
| T19 | Absorption mound       |
| T20 | Absorption field       |
| T21 | Chemical fixation      |
| T22 | Chemical oxidation     |
| T23 | Chemical precipitation |
| T24 | Chemical reduction     |
| T25 | Chlorination           |
| T26 | Chlorinolysis          |
| T27 | Cyanide destruction    |

|     |                 |
|-----|-----------------|
| T28 | Degradation     |
| T29 | Detoxification  |
| T30 | Ion exchange    |
| T31 | Neutralization  |
| T32 | Ozonation       |
| T33 | Photolysis      |
| T34 | Other (specify) |

## (3) Physical Treatment.

## (A) Separation of components.

|     |                 |
|-----|-----------------|
| T35 | Centrifugation  |
| T36 | Clarification   |
| T37 | Coagulation     |
| T38 | Decanting       |
| T39 | Encapsulation   |
| T40 | Filtration      |
| T41 | Flocculation    |
| T42 | Flotation       |
| T43 | Foaming         |
| T44 | Sedimentation   |
| T45 | Thickening      |
| T46 | Ultrafiltration |
| T47 | Other (specify) |

## (B) Removal of Specific Components.

|     |                                   |
|-----|-----------------------------------|
| T48 | Absorption-molecular sieve        |
| T49 | Activated carbon                  |
| T50 | Blending                          |
| T51 | Catalysis                         |
| T52 | Crystallization                   |
| T53 | Dialysis                          |
| T54 | Distillation                      |
| T55 | Electrodialysis                   |
| T56 | Electrolysis                      |
| T57 | Evaporation                       |
| T58 | High gradient magnetic separation |
| T59 | Leaching                          |
| T60 | Liquid ion exchange               |
| T61 | Liquid-liquid extraction          |

|     |                  |
|-----|------------------|
| T62 | Reverse osmosis  |
| T63 | Solvent recovery |
| T64 | Stripping        |
| T65 | Sand filter      |
| T66 | Other (specify)  |

## (4) Biological Treatment

|     |                          |
|-----|--------------------------|
| T67 | Activated sludge         |
| T68 | Aerobic lagoon           |
| T69 | Aerobic tank             |
| T70 | Anaerobic tank           |
| T71 | Composting               |
| T72 | Septic tank              |
| T73 | Spray irrigation         |
| T74 | Thickening filter        |
| T75 | Trickling filter         |
| T76 | Waste stabilization pond |
| T77 | Other (specify)          |
| T78 | [Reserved]               |
| T79 | [Reserved]               |

## (5) Boiler and Industrial Furnaces

|     |                                                                                  |
|-----|----------------------------------------------------------------------------------|
| T80 | Boiler                                                                           |
| T81 | Cement Kiln                                                                      |
| T82 | Lime Kiln                                                                        |
| T83 | Aggregate Kiln                                                                   |
| T84 | Phosphate Kiln                                                                   |
| T85 | Coke Oven                                                                        |
| T86 | Blast Furnace                                                                    |
| T87 | Smelting, Melting, or Refining Furnace                                           |
| T88 | Titanium Dioxide Chloride Process Oxidation Reactor                              |
| T89 | Methane Reforming Furnace                                                        |
| T90 | Pulping Liquor Recovery Furnace                                                  |
| T91 | Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid |
| T92 | Halogen Acid Furnace                                                             |
| T93 | Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)                      |

## (6) Other Treatment

|     |                                  |
|-----|----------------------------------|
| T94 | Containment Building (Treatment) |
|-----|----------------------------------|

## (c) Disposal

|     |                                                  |
|-----|--------------------------------------------------|
| D79 | Underground injection                            |
| D80 | Landfill                                         |
| D81 | Land treatment                                   |
| D82 | Ocean disposal                                   |
| D83 | Surface impoundment (to be closed as a landfill) |
| D99 | Other Disposal (specify)                         |

## (d) Miscellaneous (Article 16)

|     |                              |
|-----|------------------------------|
| X01 | Open Burning/Open Detonation |
| X02 | Mechanical Processing        |
| X03 | Thermal Unit                 |
| X04 | Geologic Repository          |
| X99 | Other (Article 16) (specify) |

NOTE: Authority cited: Sections 25150, 25159, 25159.5, 58004 and 58012 Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Part 264, Appendix I.

## HISTORY

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).
2. Amendment of tables 1 and 2 and NOTE filed 7-1-96; operative 7-31-96 (Register 96, No. 27).
3. Editorial correction restoring inadvertently omitted text (Register 97, No. 24).
4. Change without regulatory effect amending table 2 filed 6-12-97 pursuant to section 100, title 1, California Code of Regulations (Register 97, No. 24).